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Assistant Commissioner for Patents  
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**Documents Transmitted:****Response to Office Action (3 pages).****Applicant(s):**

Sherwood et al.

**Serial No.:**

10/099,839

**Filed:**

March 13, 2002

**Group Art Unit:**

1762

**3D Systems Docket No.:**

USA.302

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PATENT  
USA.302**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Sherwood et al.  
Appl. No. : 10/099,839  
Filed : March 13, 2002  
Title : INFILTRATION OF THREE-DIMENSIONAL  
OBJECTS FORMED BY SOLID FREEFORM  
FABRICATION

Grp./A.U. : 1762  
Examiner : Barr, Michael

Docket No. : USA.302  
Customer No. : 022514

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

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**RESPONSE TO OFFICE ACTION**

Dear Sir:

This response is submitted in reply to the Office Action given in the above-identified Application on March 11, 2003.

**REMARKS**

1. The Office Action required a restriction under the provisions of 35 U.S.C. §121 to either the Group I Claims 1-15 drawn to a method of treating an object, or the Group II Claims 16-23, drawn to the composition. The Action indicated that the inventions were distinct because the Group I and II claims were related as product and process of use, wherein the composition of Group II claims were alleged to be able to be used in a materially different process other than that of Group I. The Action specifically cited that the materially different process was "...where the composition is not permeated into the article to be treated, such that the composition is merely applied to the surface." The Action alleged, therefore, that the inventions were distinct and had acquired a separate status in the art, as shown by the different classification and the alleged different search for one group not required for the other group. This restriction is traversed.